

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
JPAB,EPAB,DWPI	sand and (vibration or shake) and (pattern or model) and (foam or evaporative)	50	<u>L16</u>
JPAB,EPAB,DWPI	sand and (vibration or shake) and (pattern or model)	279	<u>L15</u>
JPAB,EPAB,DWPI	sand and (vibration or shake) and (grip or grasp or hold)	68	<u>L14</u>
JPAB,EPAB,DWPI	sand and (vibration or shake) and (grip or grasp or hold) and (pattern or model)	2	<u>L13</u>
USPT,PGPB,JPAB,EPAB,DWPI	sand and (vibration or shake) and (grip or grasp or hold) and (pattern or model)	1252	<u>L12</u>
USPT,PGPB,JPAB,EPAB,DWPI	sand and (vibration or shake) and (grip or grasp or hold) and ((foam or evaporative) near5 (pattern or model))	20	<u>L11</u>
USPT,PGPB,JPAB,EPAB,DWPI	sand and (vibration or shake) and (grip or grasp or hold) and (foam or evaporative)	559	<u>L10</u>
USPT	l4 and sand and (vibration or shake) and (grip or grasp or hold) and (foam or evaporative)	13	<u>L9</u>
USPT	l4 and sand and (vibration or shake) and (grip or grasp or hold)	31	<u>L8</u>
USPT	l4 and sand and (vibration or shake) and (grip or grasp)	6	<u>L7</u>
USPT	l4 and sand and (vibration or shake)	97	<u>L6</u>
USPT	l4 and sand	455	<u>L5</u>
USPT	l2 or l3	1565	<u>L4</u>
USPT	((((164/150.1  164/151.2  164/154.1  164/154.2  164/155.4  164/322  164/323)!.CCLS.))	628	<u>L3</u>
USPT	((164/203  164/206  164/167  164/192  164/349  164/34  164/37  164/39 )!.CCLS.))	959	<u>L2</u>
USPT	((14/203  14/206  14/167  14/192  14/349  14/34  14/37  14/39 )!.CCLS.))	46	<u>L1</u>

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Terms	Documents
sand and (vibration or shake) and (pattern or model) and (foam or evaporative)	50

**Database:**

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
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Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

Refine Search:	sand and (vibration or shake) and (pattern or model) and (foam or evaporative)	▲ ▼	Clear
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**Search History****Today's Date: 11/13/2001**

	Type	Hits	Search T xt	DBs	Time Stamp
1	IS&R	75	("164/203").CCLS.	USPAT	2001/11/13 14:40
2	IS&R	106	("164/206").CCLS.	USPAT	2001/11/13 12:56
3	IS&R	52	("164/167").CCLS.	USPAT	2001/11/13 13:03
4	IS&R	123	("164/192").CCLS.	USPAT	2001/11/13 13:35
5	IS&R	65	("164/349").CCLS.	USPAT	2001/11/13 13:35
6	IS&R	363	("164/34").CCLS.	USPAT	2001/11/13 14:21
7	IS&R	165	("164/37").CCLS.	USPAT	2001/11/13 14:31
8	IS&R	61	("164/39").CCLS.	USPAT	2001/11/13 14:31
9	IS&R	92	("164/150.1").CCLS.	USPAT	2001/11/13 14:45
10	IS&R	88	("164/151.2").CCLS.	USPAT	2001/11/13 14:48
11	IS&R	63	("164/154.1").CCLS.	USPAT	2001/11/13 14:51
12	IS&R	58	("164/154.2").CCLS.	USPAT	2001/11/13 14:53
13	IS&R	109	("164/155.4").CCLS.	USPAT	2001/11/13 14:58
14	IS&R	94	("164/322").CCLS.	USPAT	2001/11/13 15:00
15	IS&R	184	("164/323").CCLS.	USPAT	2001/11/13 15:00